

CLAIMS

1. (Currently Amended) A toggle bar link assembly for conveyor pans of conveyors and ; guideway pans of mining machine tracks and similar, the toggle bar link comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with whose cut-outs in which a toggle bar having a shaft and two heads can be inserted, whose the heads being are joined in one piece by a the shaft which is smaller in cross section and whose each heads have having a locking lug such that the locking lugs to secure the toggle bars in the toggle bar socket cut-outs by means of detachable securing elements, in which the toggle bar and/or the securing elements each have has a first and a second plane of symmetry in which it they are is symmetrically formed and for the toggle bar sockets have a first plane of symmetry in which they are formed mirror symmetrically, and a second plane of symmetry to which the pans, jointed to each other are arranged.

2. (Currently Amended) ~~A toggle bar for a~~ The toggle bar link assembly according to Claim 18 ~~†~~, in which the first toggle bar plane of symmetry runs through the centre of the shaft between the toggle bar heads and the second plane of symmetry runs along the shaft and centrally through the toggle bar heads and the locking lugs.

3. (Currently Amended) ~~A toggle bar for a~~ The toggle bar link assembly according to Claim 18 ~~†~~, in which the shaft has a waist located centrally between the toggle bar heads.

4. (Currently Amended) ~~A toggle bar for a~~ The toggle bar link assembly according to Claim 18 ~~†~~, in which the toggle bar has toggle bar heads each parallel to the second plane of symmetry and the toggle bar tapers outwards and downwards continuously from the first plane of symmetry or the toggle bar head.

5. (Currently Amended) ~~A toggle bar for a~~ The toggle bar link assembly according to Claim 18 †, in which the toggle bar heads taper conically to the shaft by means of inclined shoulder surfaces.

6. (Currently Amended) ~~A toggle bar for a~~ The toggle bar link assembly according to Claim 18 †, in which the locking lugs and toggle bar heads on both shaft ends are formed identically to each other.

7. (Currently Amended) ~~A toggle bar socket for a~~ The toggle bar link assembly according to ~~one of the~~ Claim 18 †, in which the first plane of symmetry runs longitudinally through the socket cut-out and the socket cut-out has a channel section open to the front and extending for the acceptance of the shaft, a head cut-out to accept a toggle bar head and, at the ends, an open locking section restricted by wall projections.

8. (Currently Amended) ~~A toggle bar socket for a~~ The toggle bar link assembly according to Claim 18 †, in which the toggle bar socket has side parts which are provided with preferably notched or pressed acceptance slots for the acceptance of the securing elements.

9. (Currently Amended) ~~A toggle bar socket~~ The toggle bar link assembly according to Claim 7, in which the wall projections in each case have an open cut-out, preferably semi-circular in cross section.

10. (Currently Amended) ~~A toggle bar socket for a~~ The toggle bar link assembly according to Claim 18 †, in which the toggle bar sockets comprise cast parts.

11. (Currently Amended) ~~A toggle bar socket~~ The toggle bar link assembly according to Claim 7, in which the toggle bar socket includes a socket base which is formed preferably only in the region of the channel section, which has on its rear side a fastening rib for

positive engagement in the intervening space between conveyor side profiles and ~~for~~ the central plate of the conveyor.

12. (Currently Amended) ~~A securing element for a~~ The toggle bar link assembly according to Claim 18 ~~†~~ having toggle bar sockets according to Claim 9, ~~comprising wherein the~~ securing element comprises an elongate plate which has two holes symmetrically arranged to the central plane of the plate for the acceptance of detachable, deformable securing bolts which can index in the cut-outs of the socket cut-outs.

13. (Currently Amended) ~~A securing element~~ The toggle bar link assembly according to Claim 12, in which the holes are provided with counterbores on both sides.

14. (Currently Amended) ~~A securing element~~ The toggle bar link assembly according to Claim 12, in which ~~between~~ the holes at least two borings are provided for the engagement of indexing noses of an assembly/disassembly tool.

15. (Currently Amended) The toggle bar link assembly according to Claim 18 ~~including~~ conveyor pans and or guideway pans ~~having toggle bar links according to Claim 18,~~ in which all the toggle bar sockets provided at the abutment joints of the pans are identical to each other.

16. (Currently Amended) ~~An assembly tool for a toggle bar link~~ The toggle bar link assembly according to Claim 18 ~~†~~, including an assembly tool for the toggle bar link comprising a handle and a tool plate, whereby the tool plate has indexing noses on the side of the tool plate away from the handle.

17. (New) A toggle bar link assembly for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link assembly comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are

provided with cutouts in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cutouts by means of detachable securing elements, in which the toggle bar and the securing elements each have a first and a second plane of symmetry in which they are symmetrically formed.

18. (New) A toggle bar link assembly for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link assembly comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with cutouts in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cutouts by means of detachable securing elements, in which the toggle bar and the securing elements each have a first and a second plane of symmetry in which they are symmetrically formed and the toggle bar sockets have a first plane of symmetry in which they are formed mirror symmetrically, and a second plane of symmetry to which the pans, jointed to each other are arranged.

19. (New) A toggle bar link for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link assembly comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with cutouts in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cutouts by

means of detachable securing elements, in which the toggle bar has a first and a second plane of symmetry in which it is symmetrically formed.

20. (New) A toggle bar link for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link assembly comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with cutouts in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cutouts by means of detachable securing elements, in which the toggle bar sockets have a first plane of symmetry in which they are formed mirror symmetrically, and a second plane of symmetry to which the pans, jointed to each other are arranged.

21. (New) A toggle bar link for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link assembly comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with cutouts in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cutouts by means of detachable securing elements, in which the securing elements each have a first and a second plane of symmetry in which they are symmetrically formed and the toggle bar sockets have a first plane of symmetry in which they are formed mirror symmetrically, and a second plane of symmetry to which the pans, jointed to each other are arranged.

22. (New) A toggle bar link for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link assembly comprising toggle bar sockets

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arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with cutouts in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cutouts by means of detachable securing elements, in which the securing elements each have a first and a second plane of symmetry in which they are symmetrically formed.

23. (New) The toggle bar link assembly according to Claim 7, in which the toggle bar socket includes a socket base which is formed preferably only in the region of the channel section, which has on its rear side a fastening rib for positive engagement in the intervening space between the central plate of the conveyor.